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FIG. 1

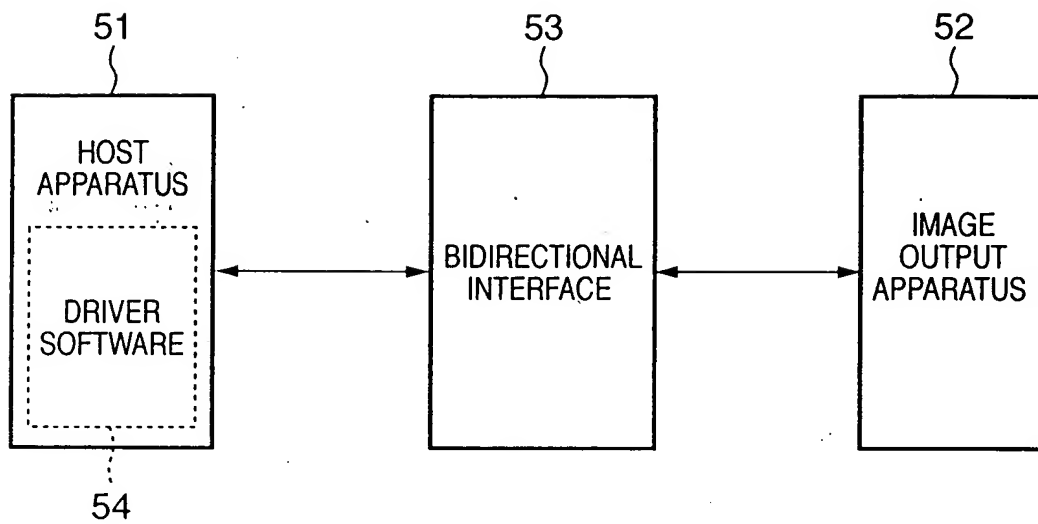


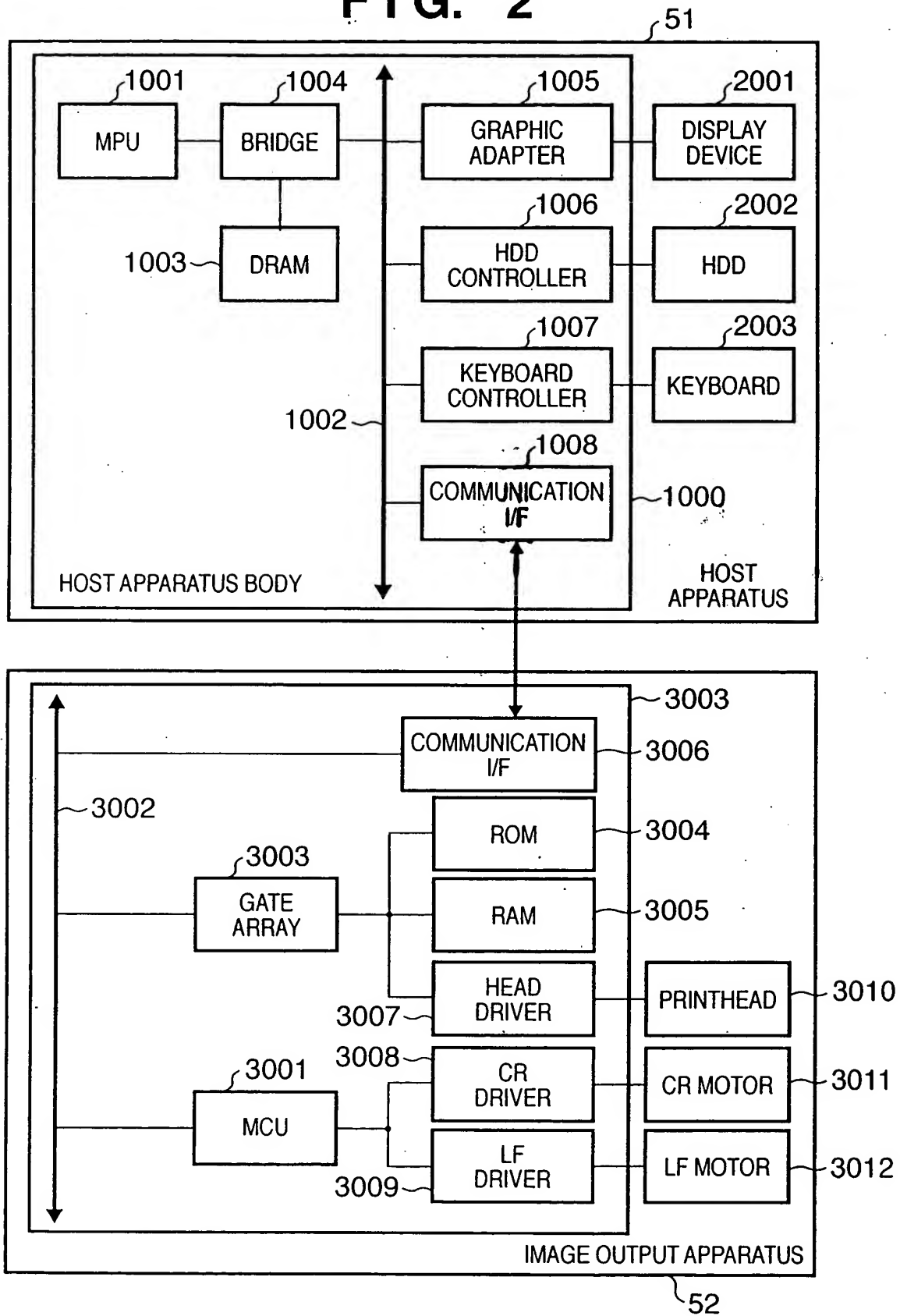
FIG. 2

FIG. 4

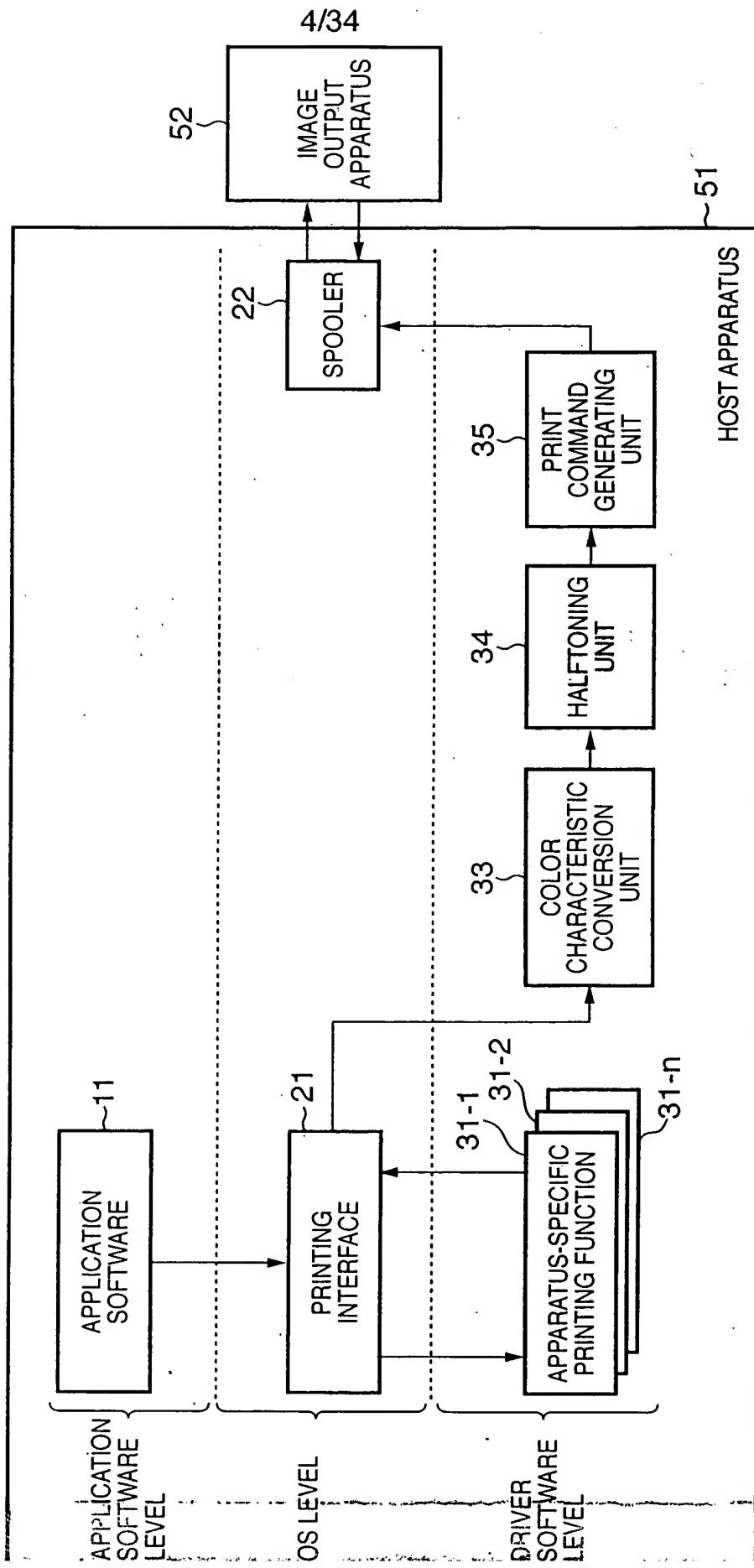


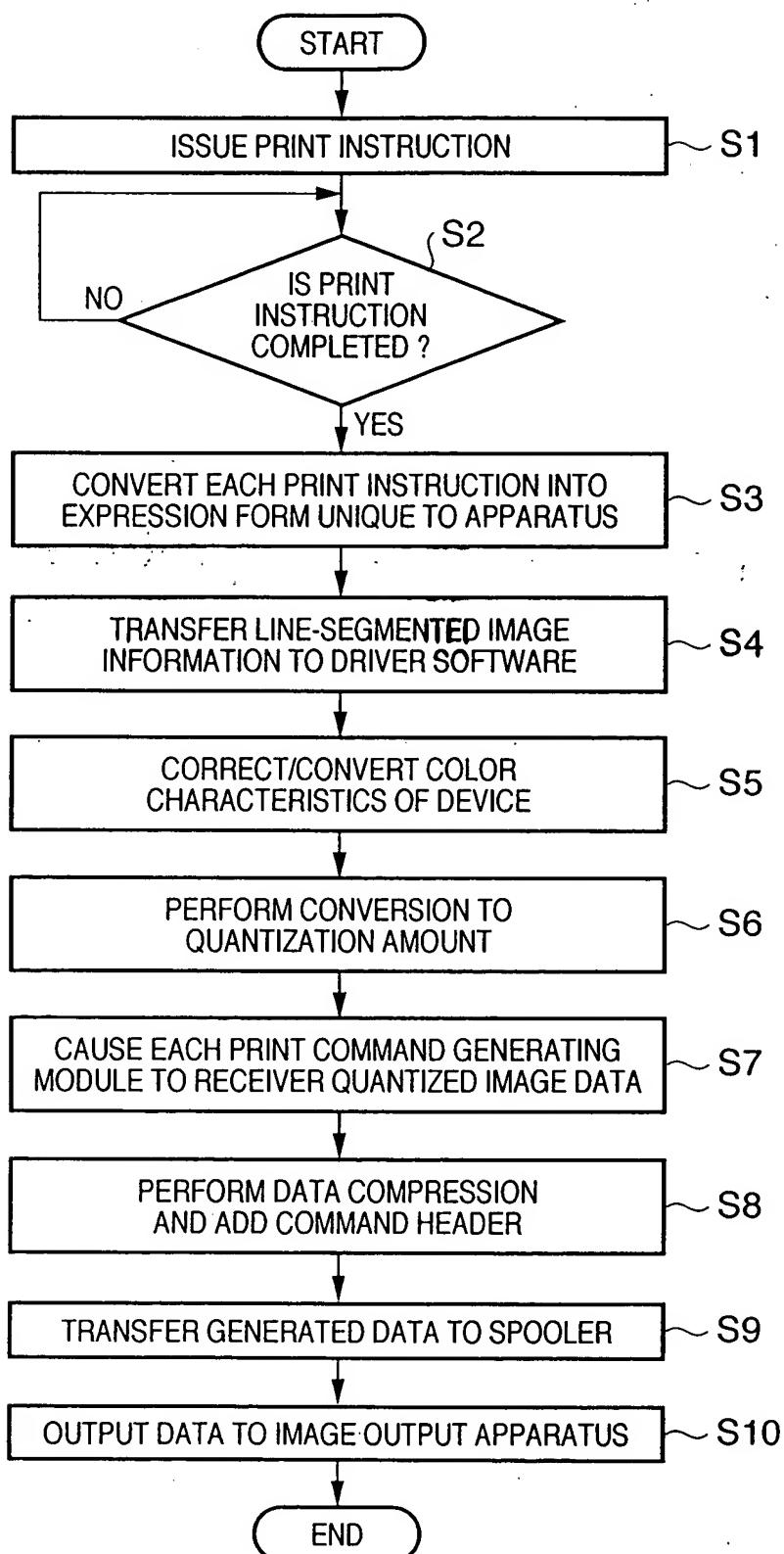
FIG. 5

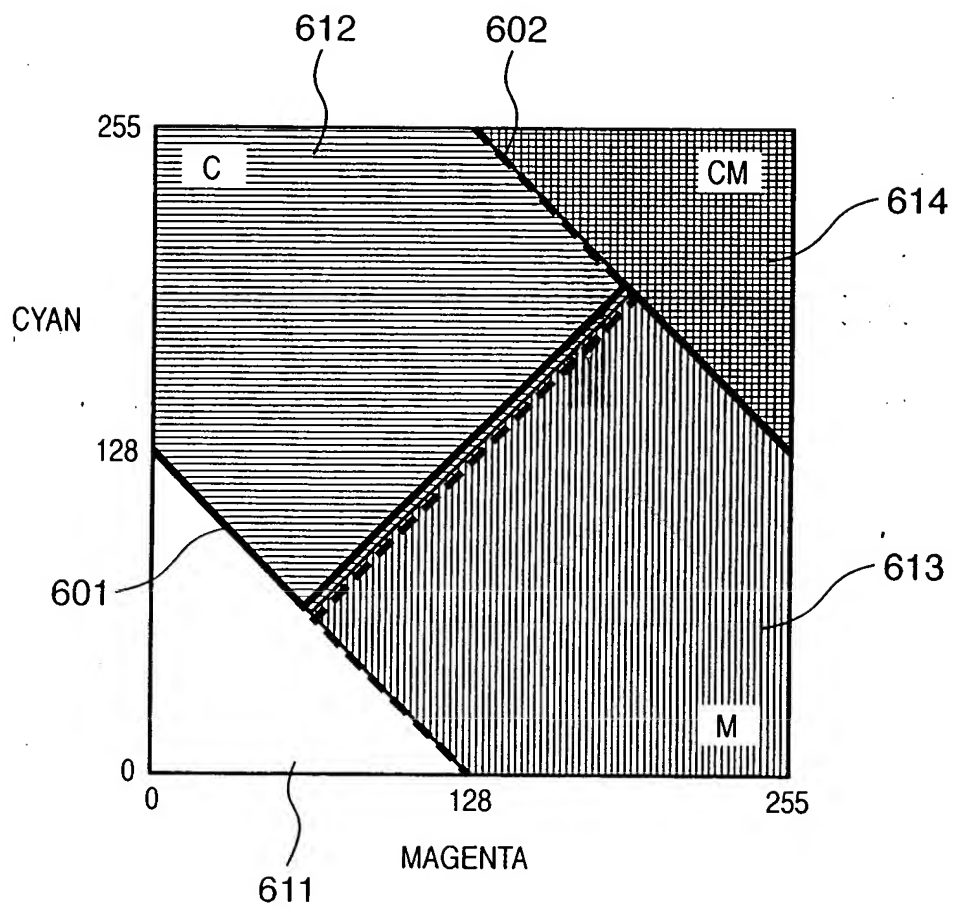
FIG. 6

FIG. 7

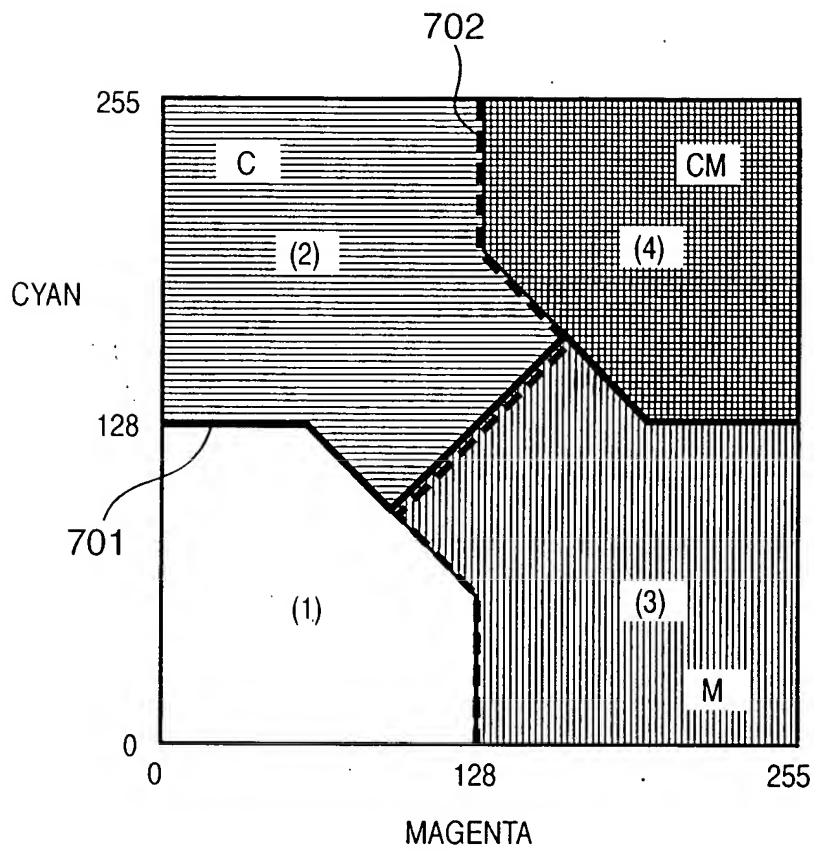


FIG. 8

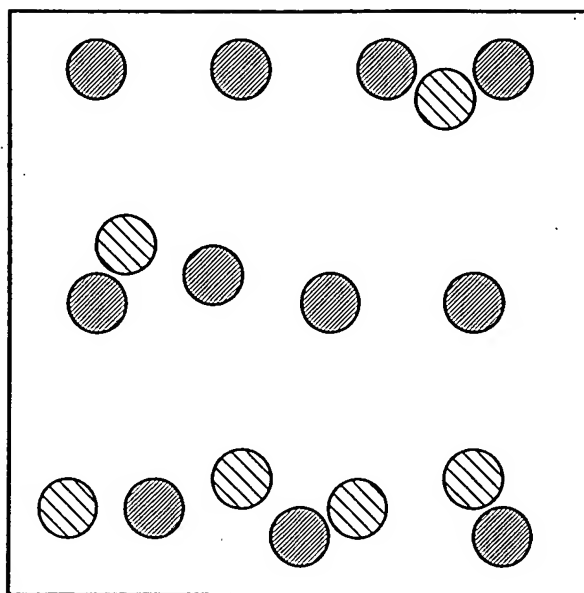


FIG. 9

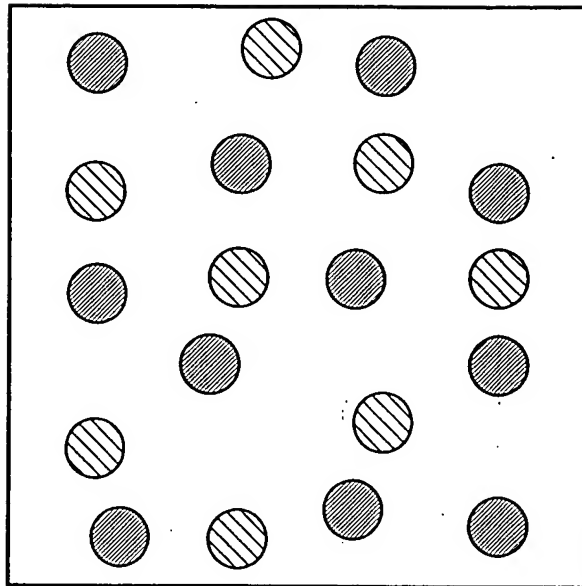


FIG. 10

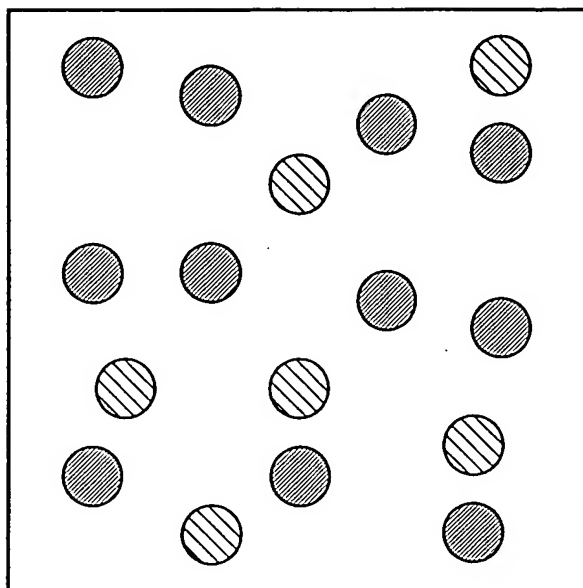


FIG. 11

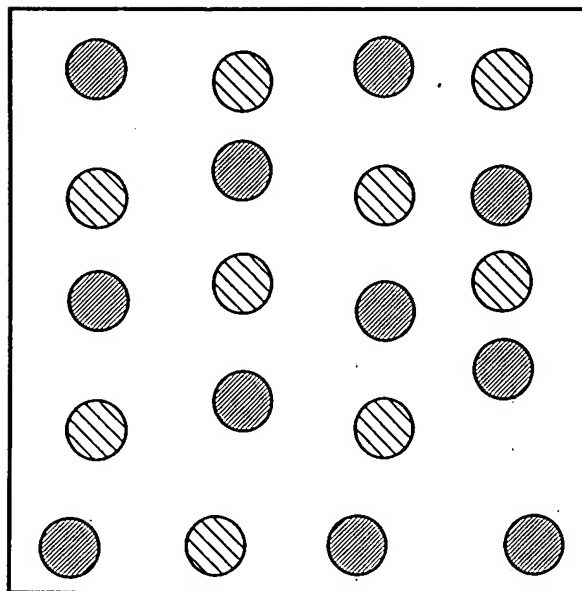


FIG. 12

| | | MAGENTA GRAY LEVEL | | | | | | | | | | | | | | | |
|--------------------|-----|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CYAN GRAY LEVEL | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | ... | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 |
| | 0 | -10 | -9 | -9 | -9 | -9 | -9 | -10 | ... | -14 | -15 | -16 | -16 | -17 | -17 | -18 | -20 |
| | 1 | -23 | -13 | -12 | -12 | -12 | -12 | -12 | ... | -12 | -12 | -12 | -12 | -12 | -12 | -21 | -23 |
| | 2 | -20 | -13 | -12 | -11 | -11 | -11 | -10 | ... | -10 | -10 | -10 | -11 | -11 | -20 | -20 | -20 |
| | 3 | -19 | -11 | -11 | -11 | -10 | -9 | -9 | ... | -9 | -9 | -10 | -10 | -18 | -17 | -18 | -19 |
| | 4 | -17 | -10 | -10 | -10 | -9 | -9 | -9 | ... | -9 | -9 | -9 | -16 | -16 | -16 | -17 | -17 |
| | 5 | -16 | -9 | -9 | -9 | -9 | -8 | -8 | ... | -8 | -7 | -15 | -15 | -15 | -15 | -16 | -16 |
| | 6 | -15 | -8 | -8 | -9 | -9 | -8 | -7 | ... | -6 | -14 | -14 | -14 | -14 | -15 | -15 | -15 |
| | 7 | -14 | -7 | -8 | -8 | -7 | -7 | -7 | ... | -13 | -13 | -13 | -13 | -13 | -14 | -14 | -14 |
| | : | : | : | : | : | : | : | : | ... | : | : | : | : | : | : | : | : |
| | : | : | : | : | : | : | : | : | ... | : | : | : | : | : | : | : | : |
| | : | : | : | : | : | : | : | : | ... | : | : | : | : | : | : | : | : |
| | 248 | 13 | 21 | 21 | 21 | 22 | 22 | 15 | ... | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| | 249 | 14 | 22 | 22 | 22 | 23 | 24 | 17 | ... | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| | 250 | 15 | 23 | 24 | 24 | 25 | 17 | 18 | ... | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | 251 | 16 | 25 | 25 | 26 | 18 | 19 | 19 | ... | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| | 252 | 17 | 26 | 27 | 19 | 20 | 20 | 20 | ... | 18 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| | 253 | 19 | 29 | 21 | 22 | 21 | 21 | 21 | ... | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| | 254 | 22 | 24 | 24 | 23 | 22 | 22 | 23 | ... | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| | 255 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | ... | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |

FIG. 13

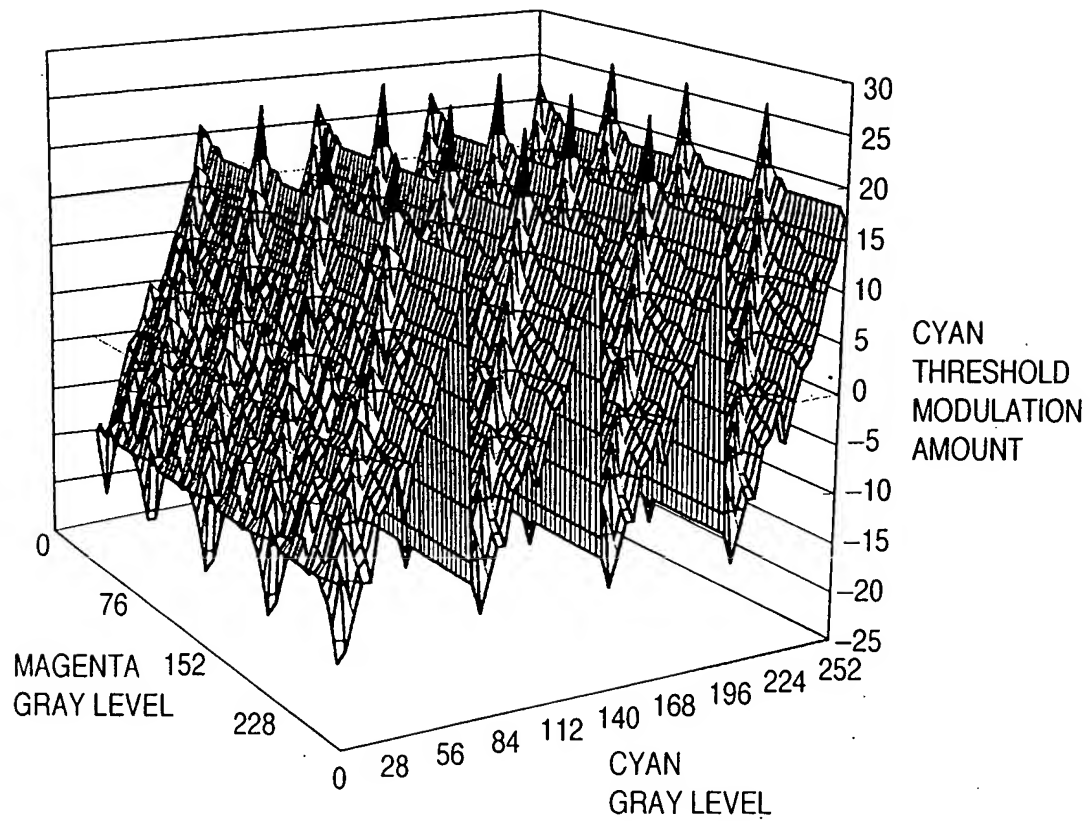


FIG. 14

| | | CYAN GRAY LEVEL | | | | | | | | | | | | | | | |
|-----|-----|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | ... | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 |
| 0 | -10 | -10 | -9 | -9 | -9 | -9 | -9 | -10 | ... | -14 | -15 | -16 | -16 | -17 | -17 | -18 | -20 |
| 1 | -23 | -13 | -12 | -12 | -12 | -12 | -12 | -12 | ... | -12 | -12 | -12 | -12 | -12 | -12 | -21 | -23 |
| 2 | -20 | -13 | -12 | -11 | -11 | -11 | -11 | -10 | ... | -10 | -10 | -10 | -11 | -11 | -20 | -20 | -20 |
| 3 | -19 | -11 | -11 | -11 | -10 | -10 | -9 | -9 | ... | -9 | -9 | -10 | -10 | -18 | -17 | -18 | -19 |
| 4 | -17 | -10 | -10 | -10 | -10 | -9 | -9 | -9 | ... | -9 | -9 | -9 | -16 | -16 | -16 | -17 | -17 |
| 5 | -16 | -9 | -9 | -9 | -9 | -9 | -8 | -8 | ... | -8 | -7 | -15 | -15 | -15 | -15 | -16 | -16 |
| 6 | -15 | -8 | -8 | -9 | -8 | -9 | -8 | -7 | ... | -6 | -14 | -14 | -14 | -14 | -15 | -15 | -15 |
| 7 | -14 | -7 | -8 | -8 | -8 | -7 | -7 | -7 | ... | -13 | -13 | -13 | -13 | -13 | -14 | -14 | -14 |
| : | : | : | : | : | : | : | : | : | ... | : | : | : | : | : | : | : | : |
| : | : | : | : | : | : | : | : | : | ... | : | : | : | : | : | : | : | : |
| : | : | : | : | : | : | : | : | : | ... | : | : | : | : | : | : | : | : |
| 248 | 13 | 21 | 21 | 21 | 22 | 22 | 22 | 15 | ... | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| 249 | 14 | 22 | 22 | 22 | 23 | 24 | 16 | 17 | ... | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 250 | 15 | 23 | 24 | 24 | 25 | 17 | 18 | 18 | ... | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 251 | 16 | 25 | 25 | 26 | 18 | 19 | 19 | 19 | ... | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| 252 | 17 | 26 | 27 | 19 | 20 | 20 | 20 | 20 | ... | 18 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| 253 | 19 | 29 | 21 | 22 | 22 | 21 | 21 | 21 | ... | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| 254 | 22 | 24 | 24 | 23 | 23 | 22 | 22 | 23 | ... | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| 255 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | ... | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |

MAGENTA
GRAY LEVEL

FIG. 15

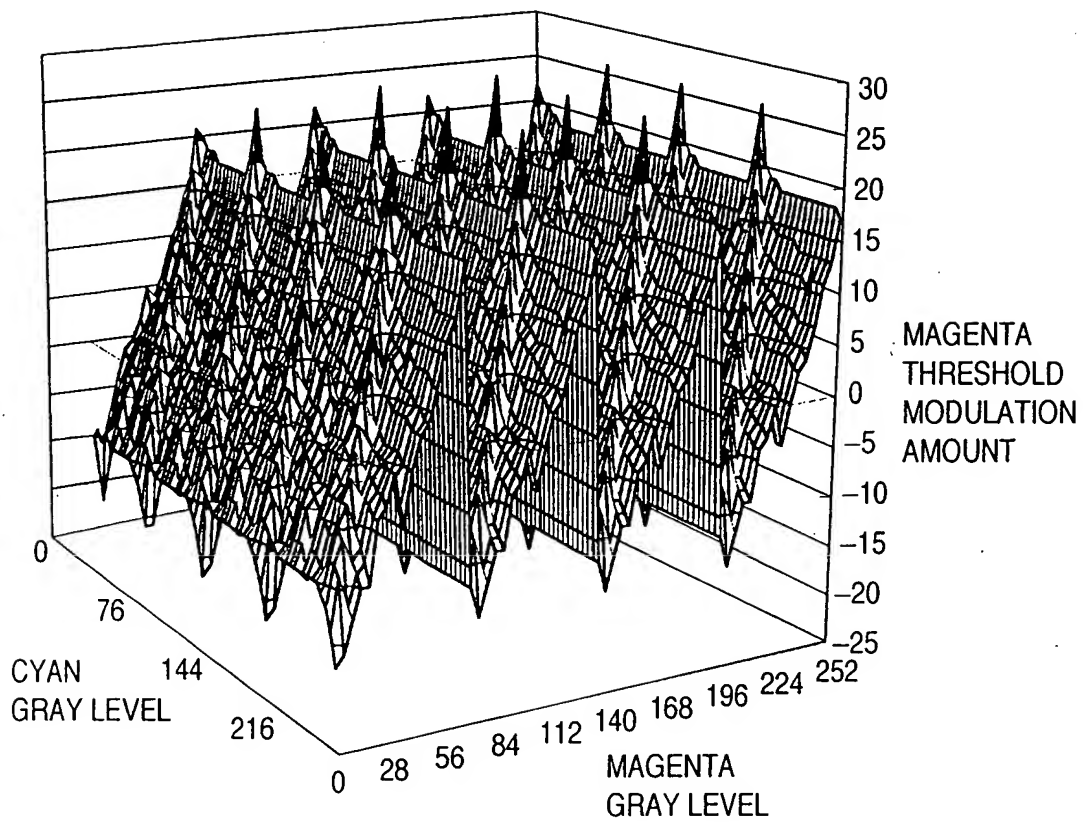


FIG. 16

| | | MAGENTA GRAY LEVEL | | | | | | | | | | | | | | | |
|--------------------|-----|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| CYAN GRAY LEVEL | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | ... | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 |
| | 0 | 10 | 10 | 9 | 9 | 9 | 9 | 10 | ... | 14 | 15 | 16 | 16 | 17 | 17 | 18 | 20 |
| | 1 | 23 | 13 | 12 | 12 | 12 | 12 | 12 | ... | 12 | 12 | 12 | 12 | 12 | 12 | 21 | 23 |
| | 2 | 20 | 13 | 12 | 11 | 11 | 11 | 10 | ... | 10 | 10 | 10 | 11 | 11 | 20 | 20 | 20 |
| | 3 | 19 | 11 | 11 | 10 | 10 | 9 | 9 | ... | 9 | 9 | 10 | 10 | 18 | 17 | 18 | 19 |
| | 4 | 17 | 10 | 10 | 10 | 9 | 9 | 9 | ... | 9 | 9 | 9 | 16 | 16 | 16 | 17 | 17 |
| | 5 | 16 | 9 | 9 | 9 | 9 | 8 | 8 | ... | 8 | 7 | 15 | 15 | 15 | 15 | 16 | 16 |
| | 6 | 15 | 8 | 8 | 9 | 9 | 8 | 7 | ... | 6 | 14 | 14 | 14 | 14 | 15 | 15 | 15 |
| | 7 | 14 | 7 | 8 | 8 | 7 | 7 | 7 | ... | 13 | 13 | 13 | 13 | 13 | 14 | 14 | 14 |
| | : | : | : | : | : | : | : | : | ... | : | : | : | : | : | : | : | : |
| | : | : | : | : | : | : | : | : | ... | : | : | : | : | : | : | : | : |
| | : | : | : | : | : | : | : | : | ... | : | : | : | : | : | : | : | : |
| 248 | -13 | -21 | -21 | -21 | -22 | -22 | -22 | -15 | ... | -13 | -13 | -13 | -13 | -13 | -13 | -13 | -13 |
| 249 | -14 | -22 | -22 | -22 | -23 | -24 | -16 | -17 | ... | -14 | -14 | -14 | -14 | -14 | -14 | -14 | -14 |
| 250 | -15 | -23 | -24 | -24 | -25 | -17 | -18 | -18 | ... | -15 | -15 | -15 | -15 | -15 | -15 | -15 | -15 |
| 251 | -16 | -25 | -25 | -26 | -18 | -19 | -19 | -19 | ... | -16 | -16 | -16 | -16 | -16 | -16 | -16 | -16 |
| 252 | -17 | -26 | -27 | -19 | -20 | -20 | -20 | -20 | ... | -18 | -17 | -17 | -17 | -17 | -17 | -17 | -17 |
| 253 | -19 | -29 | -21 | -22 | -22 | -21 | -21 | -21 | ... | -19 | -19 | -19 | -19 | -19 | -19 | -19 | -19 |
| 254 | -22 | -24 | -24 | -23 | -23 | -22 | -22 | -23 | ... | -22 | -22 | -22 | -22 | -22 | -22 | -22 | -22 |
| 255 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ... | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

FIG. 17

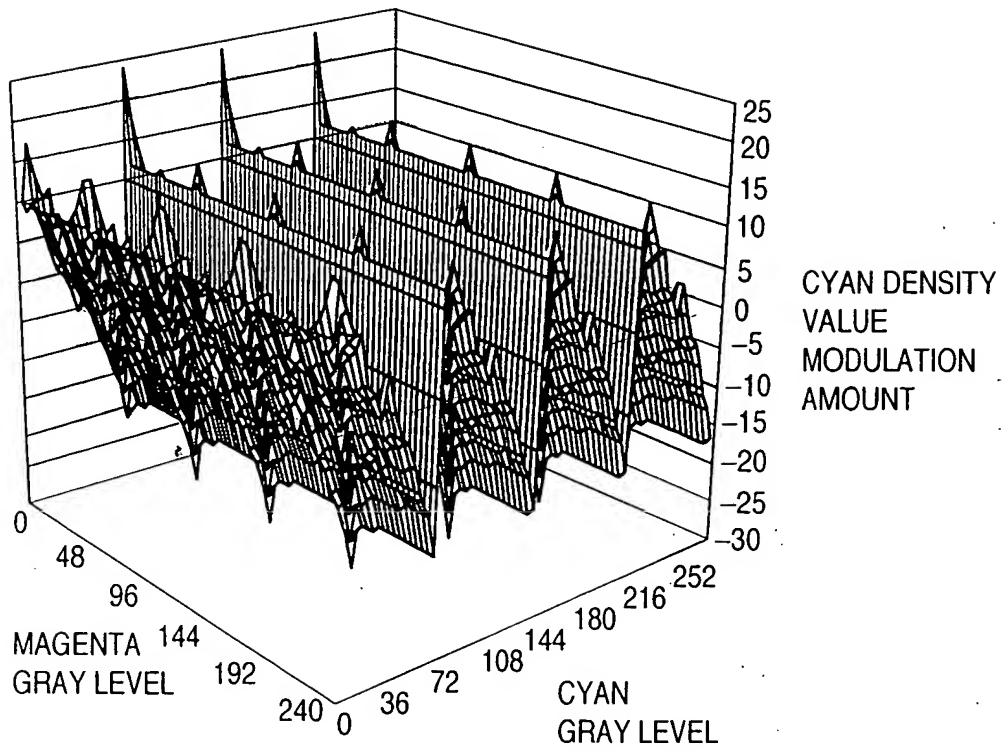


FIG. 18

| | | CYAN GRAY LEVEL | | | | | | | | | | | | | | | |
|-----|-----|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | ... | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 |
| 0 | 10 | 10 | 9 | 9 | 9 | 9 | 9 | 10 | ... | 14 | 15 | 16 | 16 | 17 | 17 | 18 | 20 |
| 1 | 23 | 13 | 12 | 12 | 12 | 12 | 12 | 12 | ... | 12 | 12 | 12 | 12 | 12 | 12 | 21 | 23 |
| 2 | 20 | 13 | 12 | 11 | 11 | 11 | 11 | 10 | ... | 10 | 10 | 10 | 11 | 11 | 20 | 20 | 20 |
| 3 | 19 | 11 | 11 | 11 | 10 | 10 | 9 | 9 | ... | 9 | 9 | 10 | 10 | 18 | 17 | 18 | 19 |
| 4 | 17 | 10 | 10 | 10 | 10 | 9 | 9 | 9 | ... | 9 | 9 | 9 | 16 | 16 | 16 | 17 | 17 |
| 5 | 16 | 9 | 9 | 9 | 9 | 9 | 8 | 8 | ... | 8 | 7 | 15 | 15 | 15 | 15 | 16 | 16 |
| 6 | 15 | 8 | 8 | 9 | 8 | 9 | 8 | 7 | ... | 6 | 14 | 14 | 14 | 14 | 15 | 15 | 15 |
| 7 | 14 | 7 | 8 | 8 | 8 | 7 | 7 | 7 | ... | 13 | 13 | 13 | 13 | 13 | 14 | 14 | 14 |
| : | : | : | : | : | : | : | : | : | ... | : | : | : | : | : | : | : | : |
| : | : | : | : | : | : | : | : | : | ... | : | : | : | : | : | : | : | : |
| : | : | : | : | : | : | : | : | : | ... | : | : | : | : | : | : | : | : |
| 248 | -13 | -21 | -21 | -21 | -22 | -22 | -22 | -15 | ... | -13 | -13 | -13 | -13 | -13 | -13 | -13 | -13 |
| 249 | -14 | -22 | -22 | -22 | -23 | -24 | -16 | -17 | ... | -14 | -14 | -14 | -14 | -14 | -14 | -14 | -14 |
| 250 | -15 | -23 | -24 | -24 | -25 | -17 | -18 | -18 | ... | -15 | -15 | -15 | -15 | -15 | -15 | -15 | -15 |
| 251 | -16 | -25 | -25 | -26 | -18 | -19 | -19 | -19 | ... | -16 | -16 | -16 | -16 | -16 | -16 | -16 | -16 |
| 252 | -17 | -26 | -27 | -19 | -20 | -20 | -20 | -20 | ... | -18 | -17 | -17 | -17 | -17 | -17 | -17 | -17 |
| 253 | -19 | -29 | -21 | -22 | -22 | -21 | -21 | -21 | ... | -19 | -19 | -19 | -19 | -19 | -19 | -19 | -19 |
| 254 | -22 | -24 | -24 | -23 | -23 | -22 | -22 | -23 | ... | -22 | -22 | -22 | -22 | -22 | -22 | -22 | -22 |
| 255 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ... | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

MAGENTA
GRAY LEVEL

FIG. 19

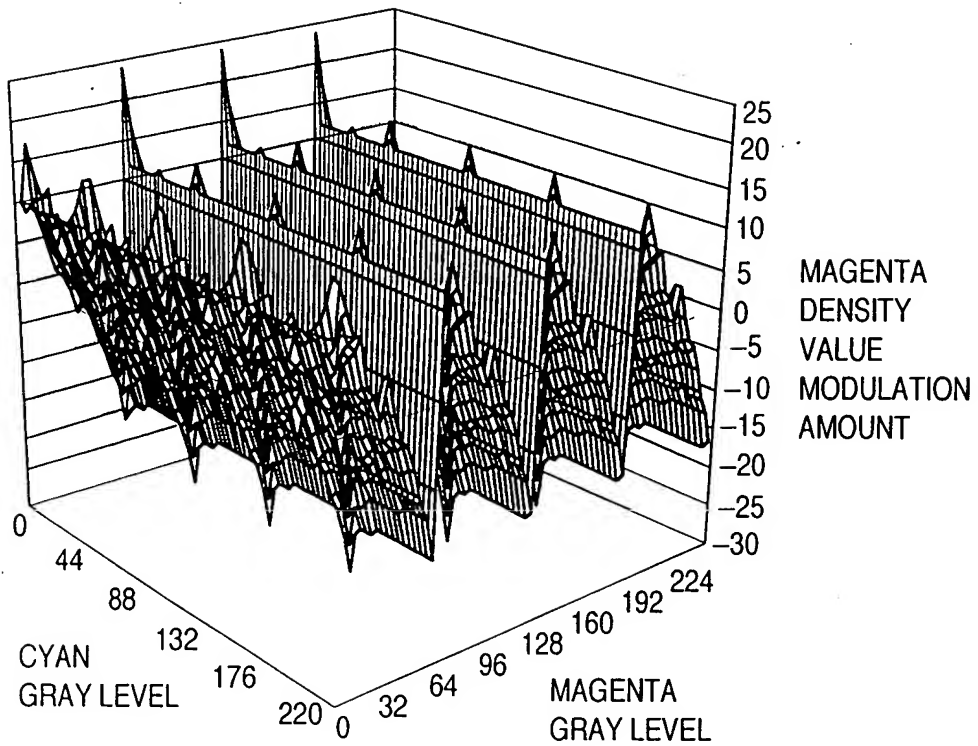


FIG. 20

| MAGENTA GRAY LEVEL | | | | | | | | | |
|--------------------|----|------------|-----------|-----------|-----------|-----------|------------|------------|-----------|
| | 0 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | |
| CYAN GRAY LEVEL | 0 | (9,0,7,0) | (9,0,7,0) | (7,3,3,3) | (8,1,5,2) | (5,1,2,8) | (3,1,2,10) | (4,0,3,9) | (4,1,3,8) |
| | 2 | (9,0,7,0) | (9,2,2,3) | (9,2,3,2) | (9,1,4,2) | (9,4,1,2) | (8,0,6,2) | (7,2,3,4) | (7,1,4,4) |
| | 4 | (7,3,3,3) | (8,0,2,6) | (8,2,3,3) | (8,3,1,4) | (7,2,1,6) | (7,0,7,2) | (7,1,4,4) | (8,2,3,3) |
| | 6 | (8,1,5,2) | (9,0,6,1) | (7,0,5,4) | (8,1,1,6) | (8,2,3,3) | (6,1,3,6) | (7,1,3,5) | (6,1,1,8) |
| | 8 | (5,1,2,8) | (8,0,6,2) | (7,0,5,4) | (7,0,6,3) | (7,1,5,3) | (6,2,1,7) | (6,1,3,6) | (6,2,2,6) |
| | 10 | (3,1,2,10) | (8,0,6,2) | (7,2,0,7) | (6,1,1,8) | (5,0,2,9) | (7,1,2,6) | (6,0,2,8) | (5,1,2,8) |
| | 12 | (4,0,3,9) | (8,2,0,6) | (7,2,0,7) | (6,1,1,8) | (5,1,1,9) | (4,1,2,9) | (3,1,1,11) | (6,1,5,4) |
| | 14 | (4,1,3,8) | (9,1,2,4) | (7,2,0,7) | (6,2,0,8) | (5,0,3,8) | (4,1,2,9) | (4,0,3,9) | (3,0,7,6) |

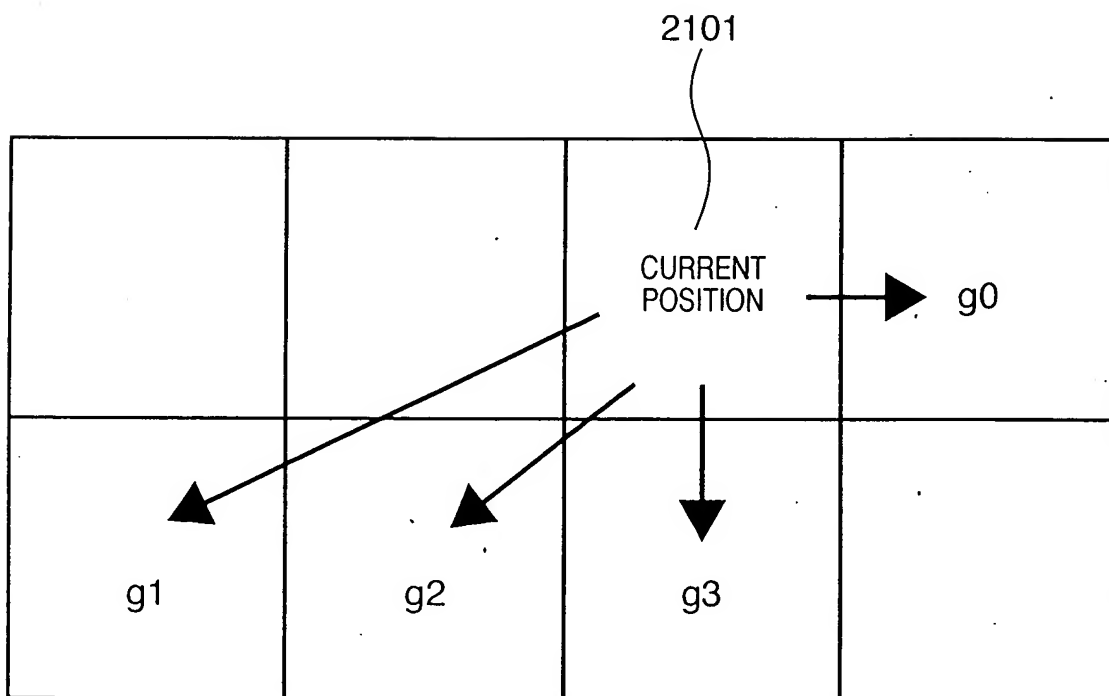
FIG. 21

FIG. 22

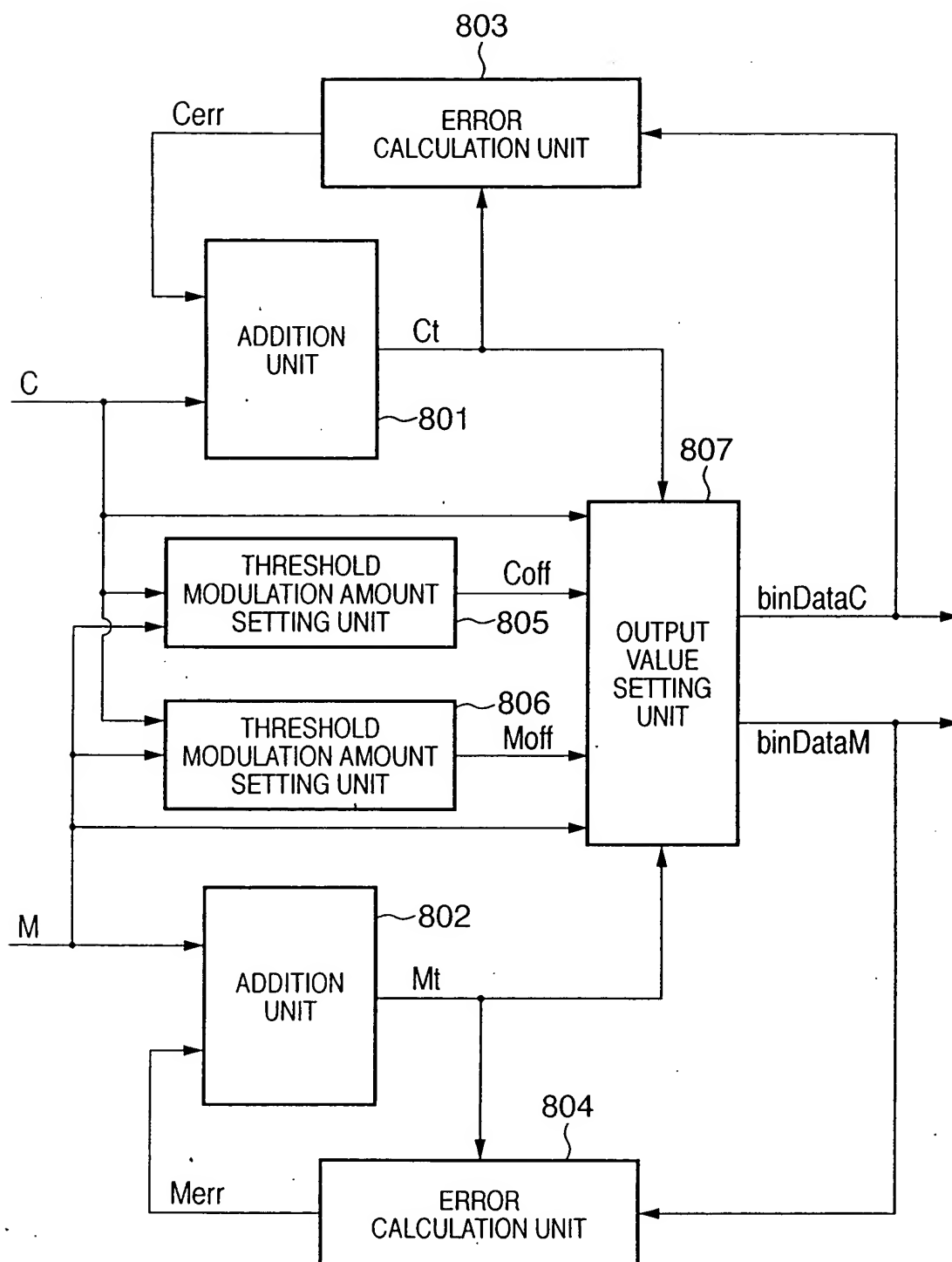


FIG. 23

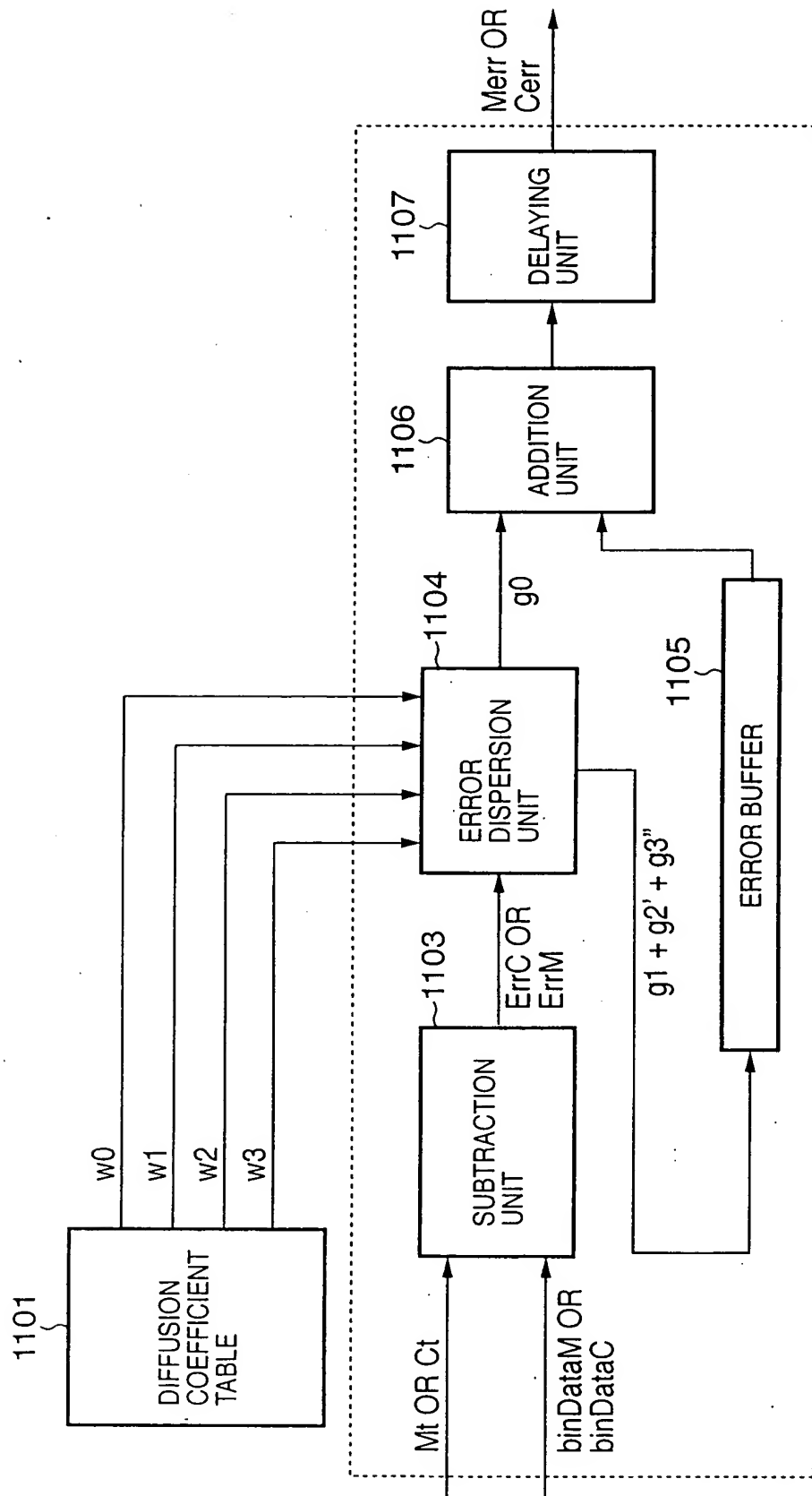


FIG. 24

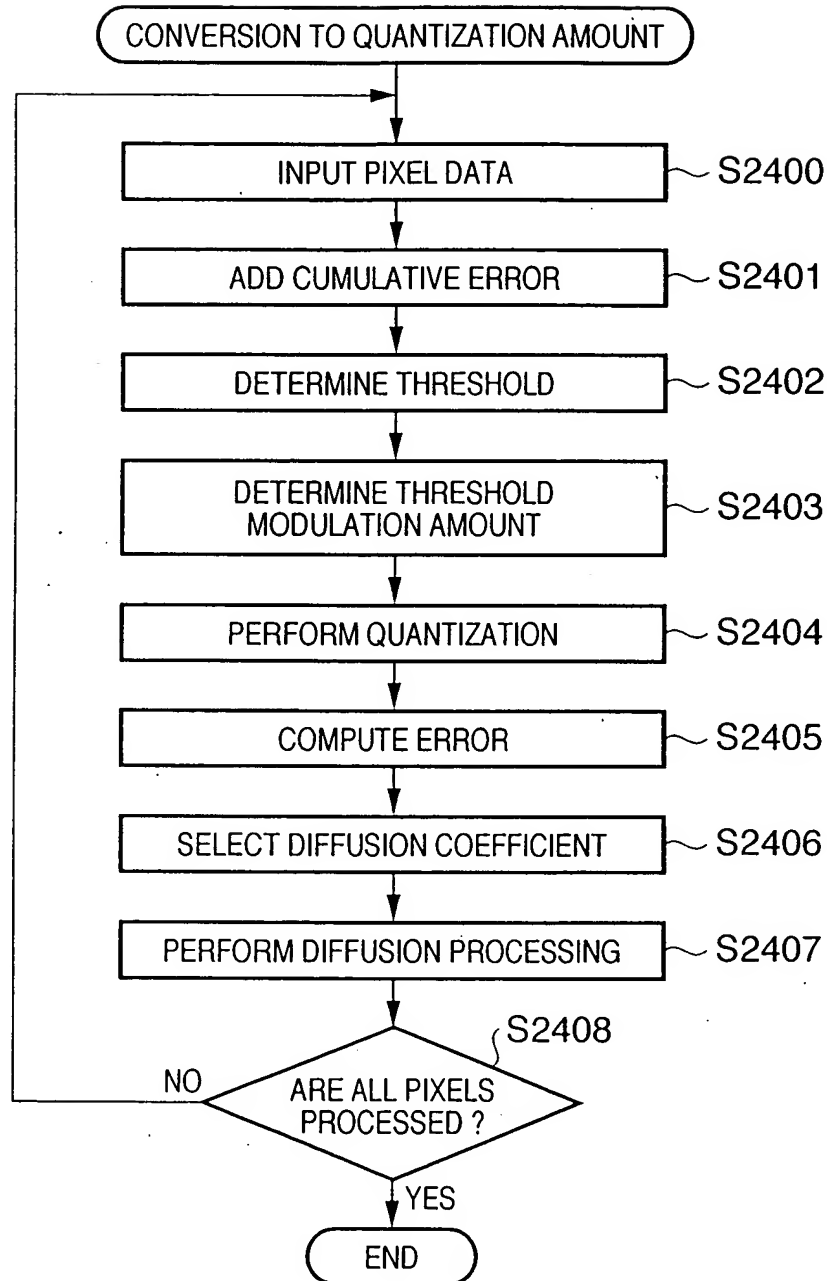


FIG. 25

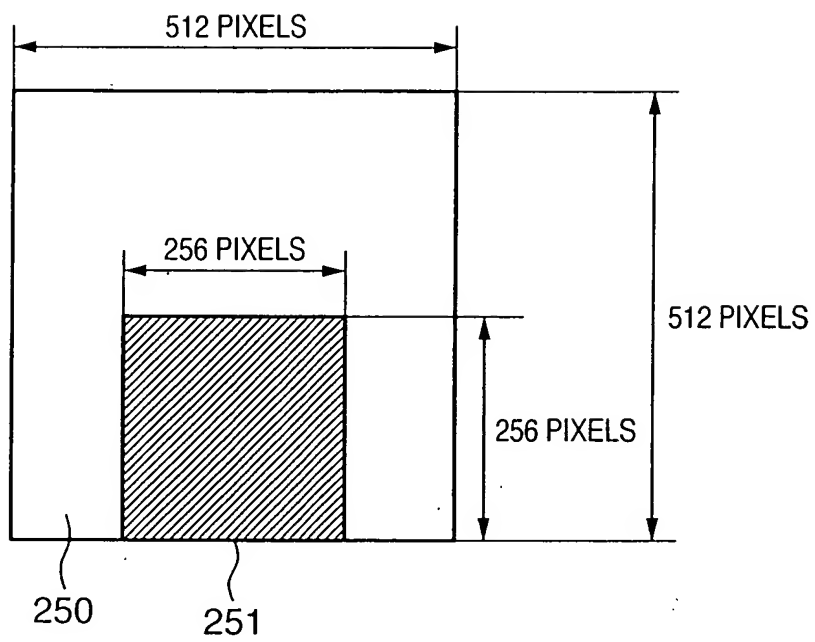


FIG. 26

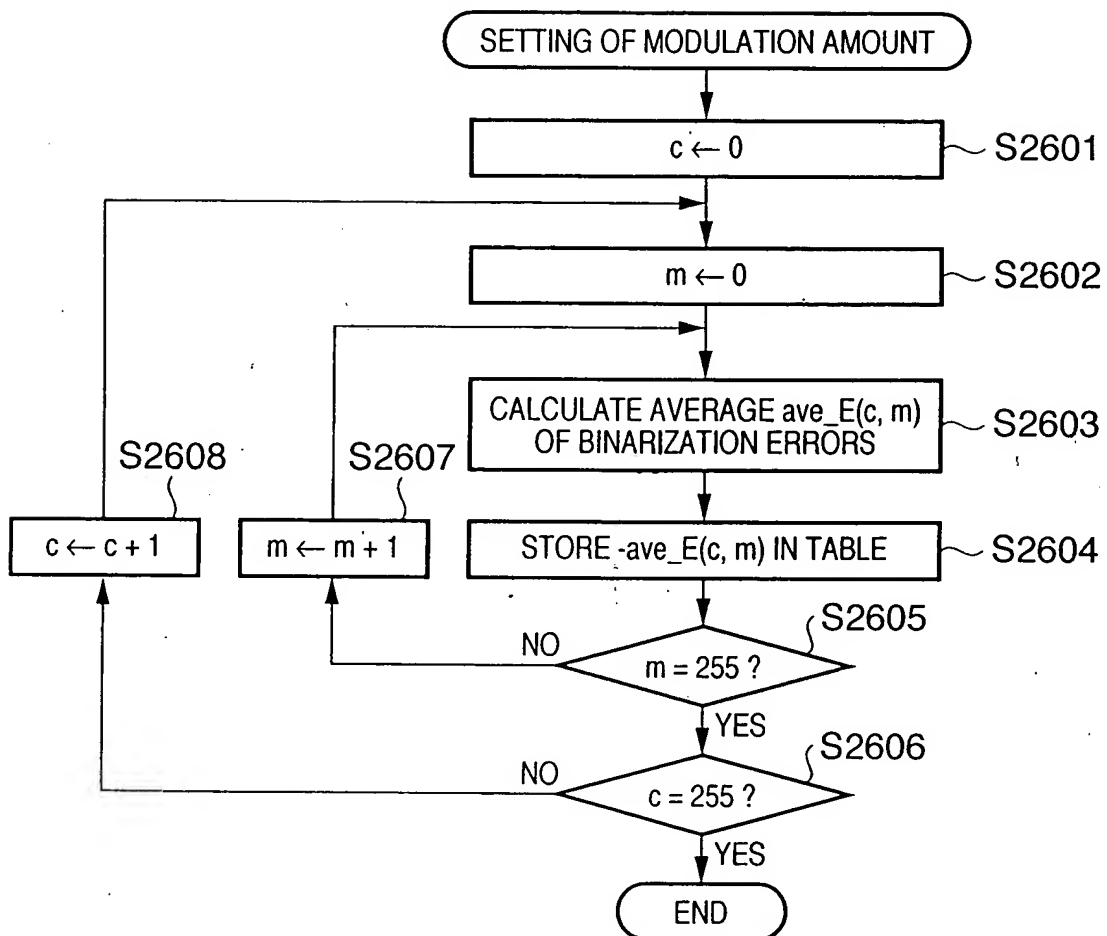


FIG. 27

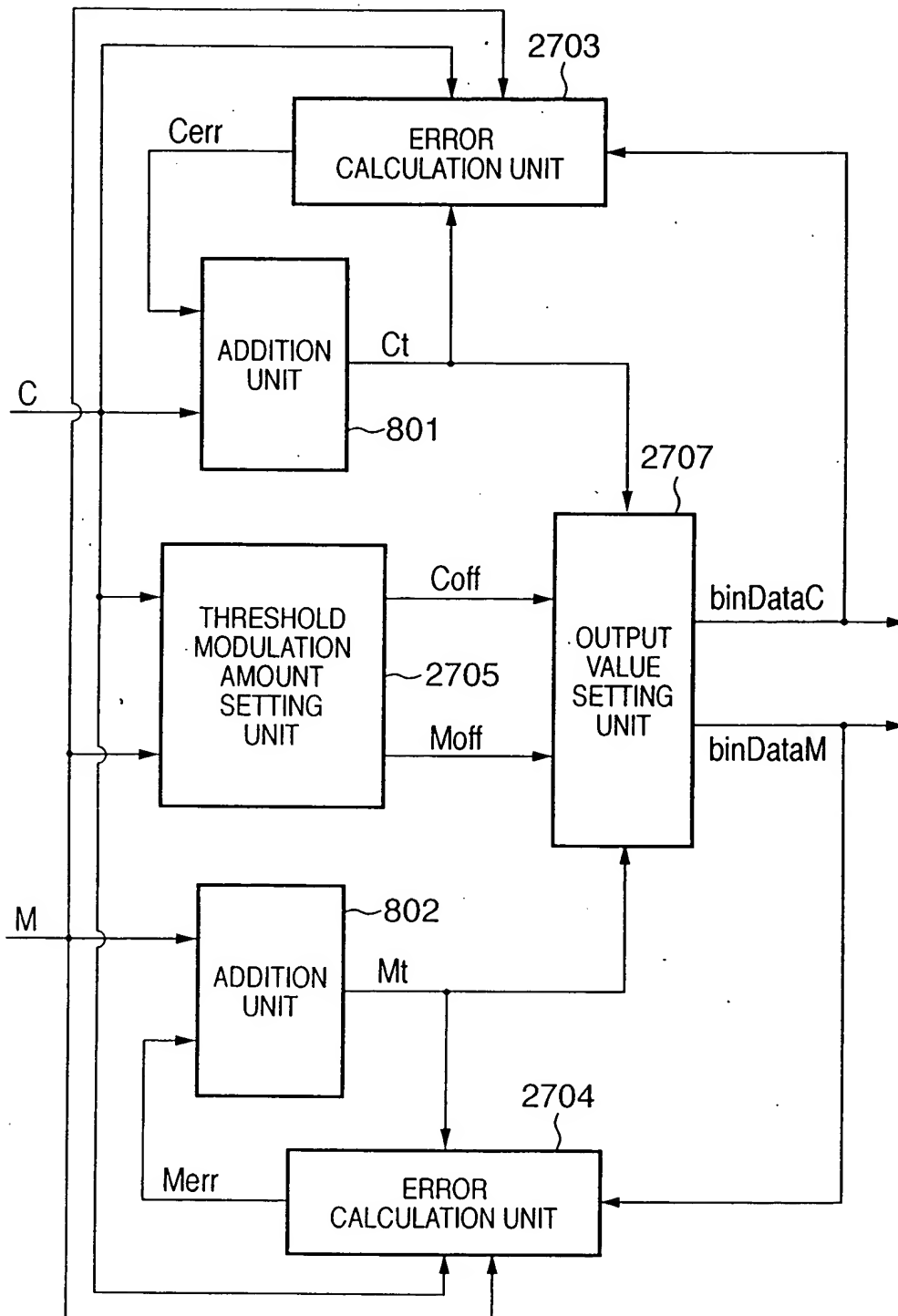


FIG. 28

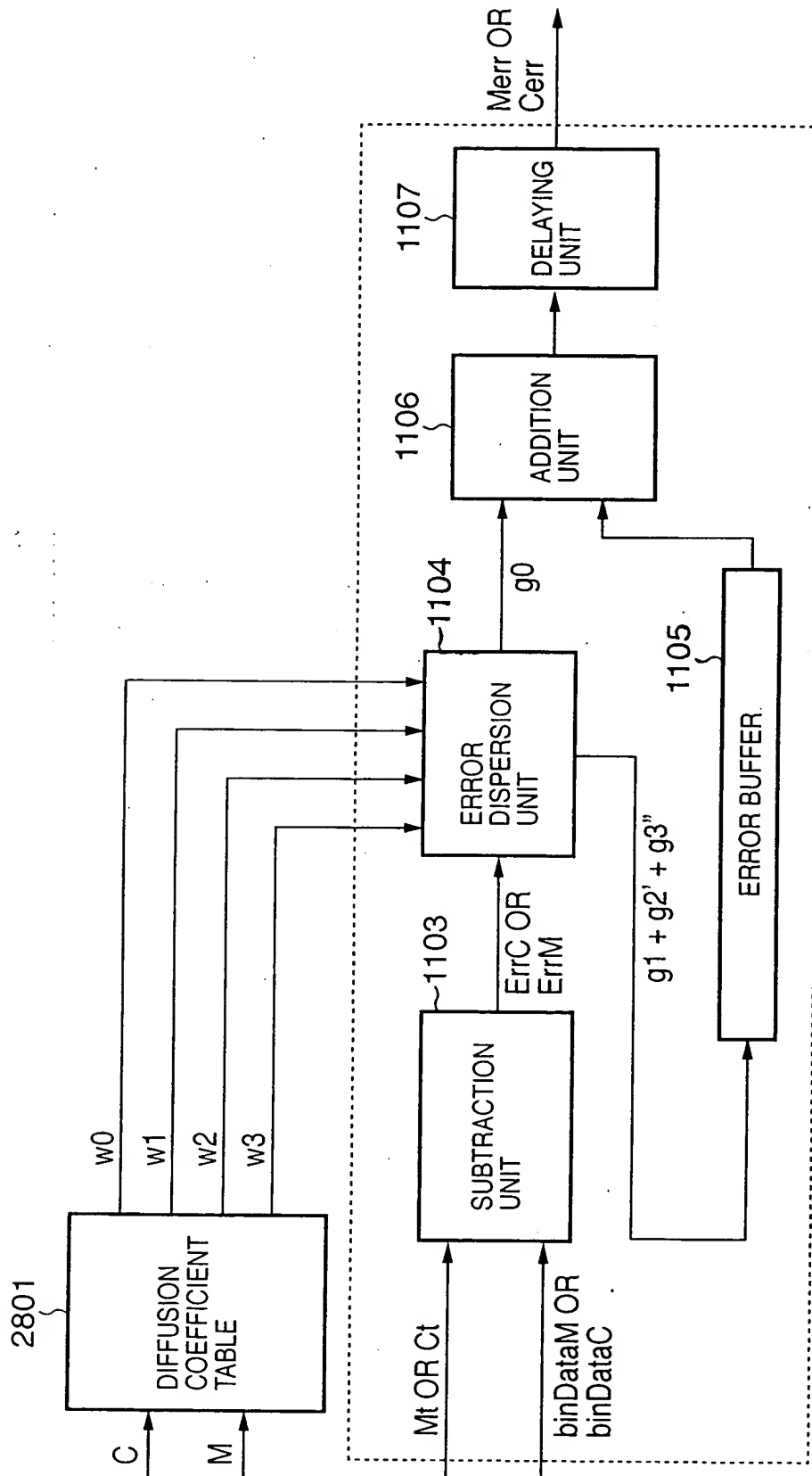


FIG. 29

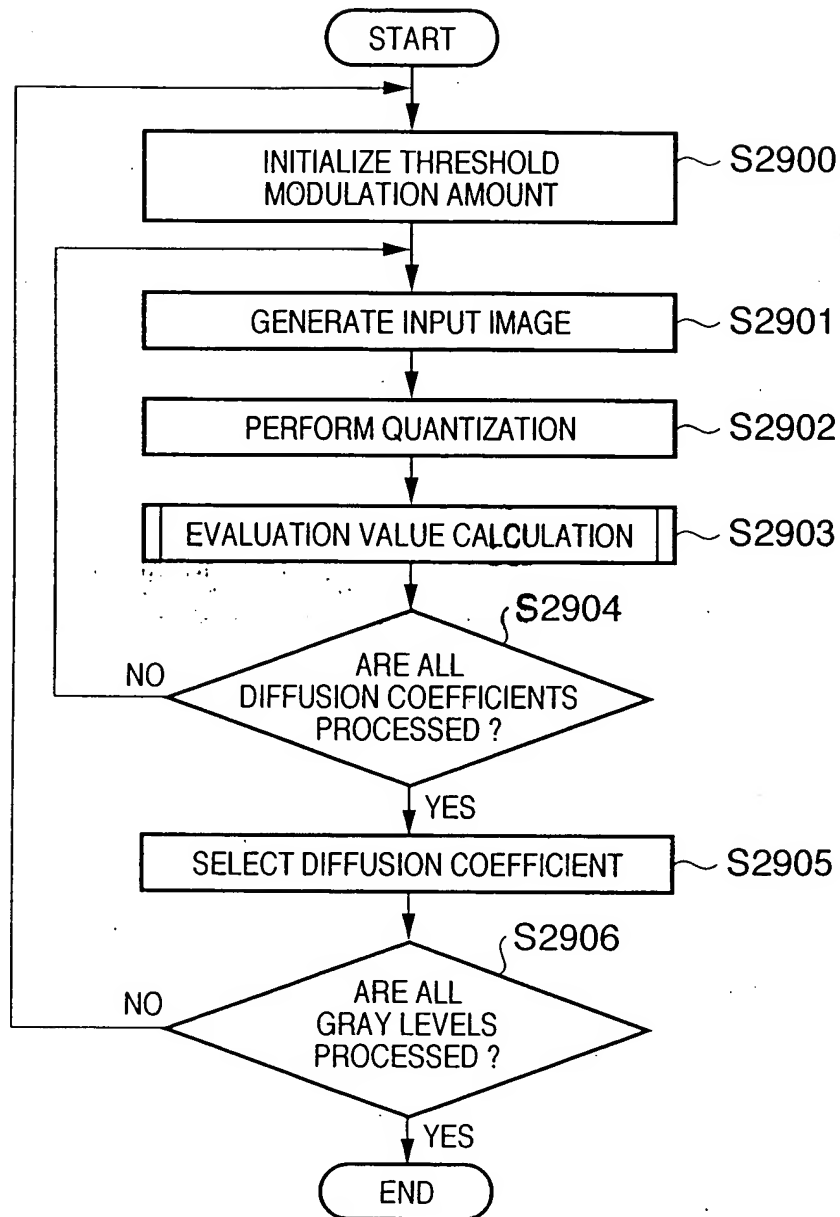


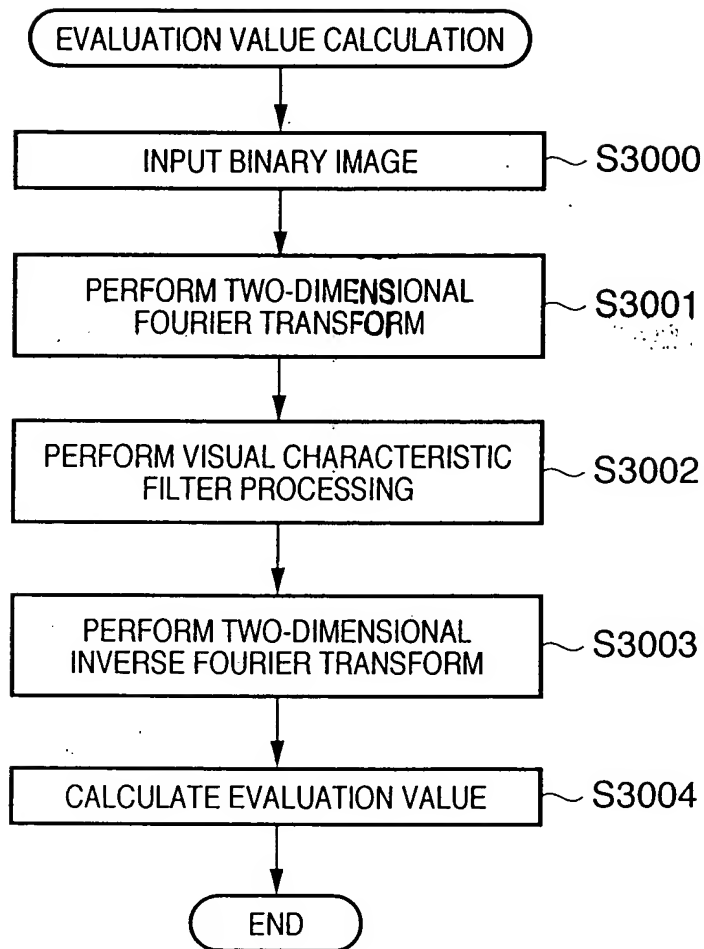
FIG. 30

FIG. 31

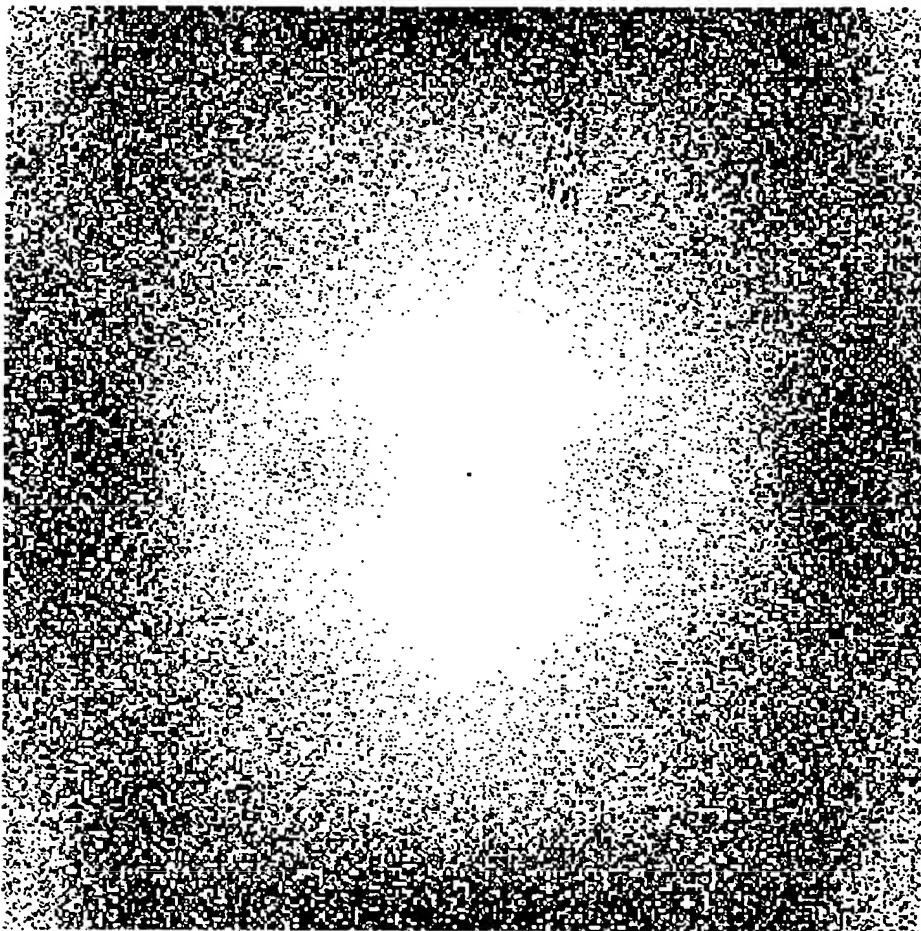


FIG. 32

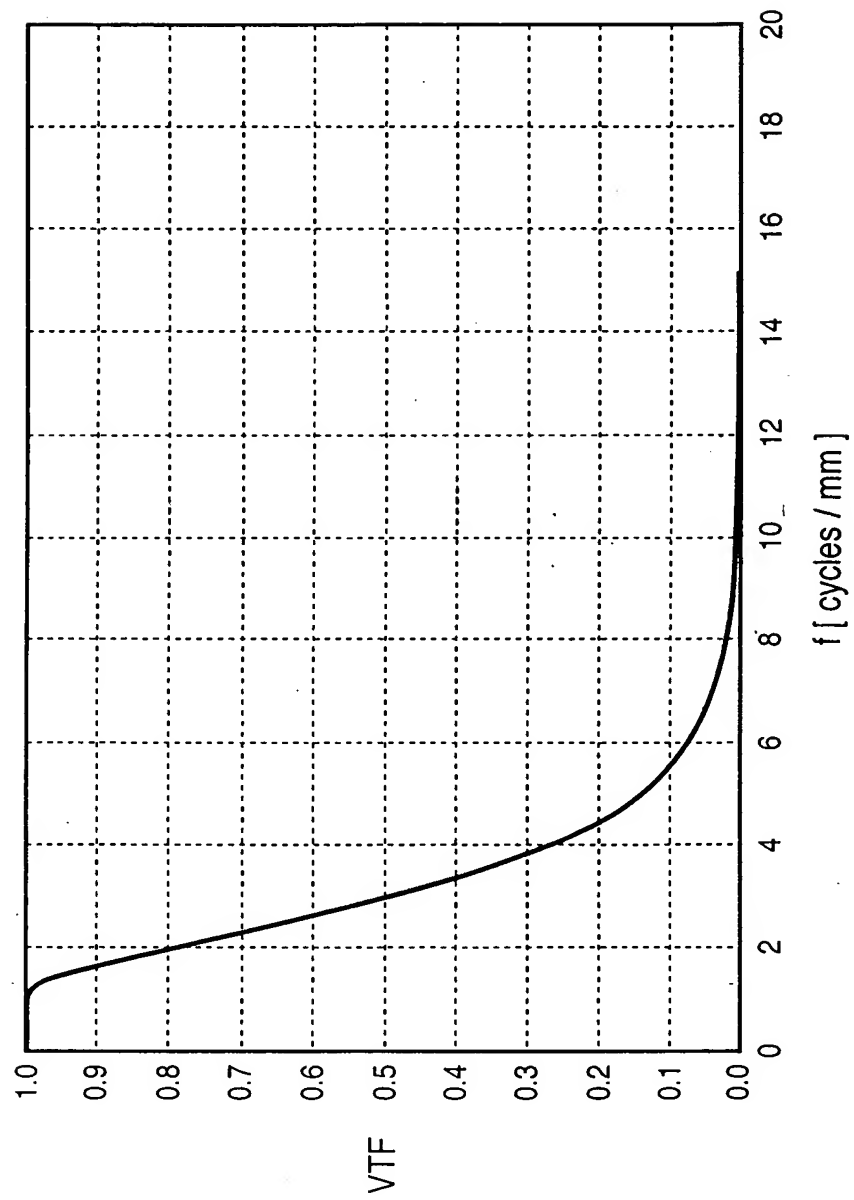


FIG. 33

$$\begin{bmatrix} & * & C0 \\ C1 & C2 & C3 & X \end{bmatrix}$$

$$C_m = S_m / \text{Sum} \quad (m = 1, \dots, 4)$$

$$S_m = 0, 1, \dots, 9$$

$$\text{Sum} = \sum_{m=1}^4 S_m (\neq 0)$$

FIG. 34

